

Amendments to the Claims

Please cancel Claim 11 without prejudice or disclaimer.

Please amend Claims 1, 2, 4-10, 12-15, and 21 to read as follows.

1. (Currently Amended) A printing apparatus for effecting printing using a recording head mounted thereto, said apparatus including communicating means for communication with an information processing apparatus, said apparatus comprising:

a ~~control means~~ controller for determining a kind of device among a plurality of kinds in response to a predetermined operation for setting the kind of the printing apparatus, and operable for the kind thus determined;

a ~~discrimination means~~ discriminator for discriminating whether the kind of device is determined or not;

a ~~detecting means~~ detector for detecting whether or not the recording head is mounted; and

a communication ~~control means~~ controller for controlling communication with the information processing apparatus by the communicating means in accordance with a result of discrimination of said ~~discrimination means~~ discriminator[[.]]; and

a storing portion for storing the kind of device,

wherein when said ~~discrimination means~~ discriminates that the kind of device is not determined and said ~~detecting means~~ does not detect that the recording head is mounted, said ~~communication control means~~ prohibits the communicating means from communicating with the

information processing apparatus, and when said discrimination means discriminates that the kind of device is determined, said communication control means permits the communicating means to communicate with the information processing apparatus without said detecting means detecting whether the recording head is mounted.

wherein in response to detection of mounting of the recording head, said controller causes said storing portion to store the kind of device stored in the mounted recording head, and said discriminator discriminates that the kind of device is determined when said storing portion stores the kind of device and determines that the kind of device is not determined when said storing portion does not store the kind of device, and wherein when said discriminator discriminates that the kind of device is not determined, said communication controller prohibits the communicating means from communicating with the information processing apparatus, and when said discriminator discriminates that the kind of device is determined, said communication controller permits the communicating means to communicate with the information processing apparatus.

2. (Currently Amended) An apparatus according to Claim 1, wherein when the result of the discrimination is negative, said communication ~~control means~~ controller effects control so as not to respond to a command inquiring information on the kind of device received from the information processing apparatus.

3. (Cancelled)

4. (Currently Amended) Presented) An apparatus according to Claim 1, wherein said ~~control means~~ controller determines the kind of device of the printing apparatus by reading information relating to kinds of devices out of memory provided in the recording head in response to an operation of mounting the recording head to the printing apparatus.

5. (Currently Amended) Presented) An apparatus according to Claim 1, wherein the recording head is an ink jet head for effecting the recording by ejecting ink, and said printing apparatus includes an ink container mounting portion for detachably mounting an ink container containing the ink, and wherein said ~~control means~~ controller determines the kind of the printing apparatus by reading information of the kind of device stored in the memory which is provided in the ink container mounted to said ink container mounting portion.

6. (Currently Amended) An apparatus according to Claim 1, wherein the recording head is an ink jet head for effecting the recording by ejecting ink, and said printing apparatus includes an ink container mounting portion for detachably mounting an ink container containing the ink, and wherein said ~~control means~~ controller checks correspondence between information on the kind of device read out of a head memory provided in the recording head mounted thereto and information on the kind of device read out of a container memory provided in the ink container mounted to said ink container mounting portion, and determines the kind when the kinds are discriminated as corresponding to each other.

7. (Currently Amended) An apparatus according to Claim 1, further comprising head discrimination means for discriminating a kind of the recording head mounted to said apparatus, wherein said ~~control means~~ controller determines the kind of device of said printing apparatus in accordance with a kind of the recording head mounted thereto.

8. (Currently Amended) An apparatus according to Claim 7, wherein the recording head is an ink jet head for effecting recording by ejection of ink, and said printing apparatus further includes an ink container mounting portion for detachably mounting an ink container containing the ink and container discrimination means for discriminating a kind of the ink container, and wherein said ~~control means~~ controller determines a kind of said printing apparatus on the basis of a result of discrimination of the recording head by said head discrimination means and a result of discrimination of a kind of said ink container by said container discrimination means.

9. (Currently Amended) An apparatus according to Claim 1, wherein the recording head is an ink jet head for effecting the recording by ejecting ink, and said printing apparatus includes an ink container mounting portion for detachably mounting an ink container containing the ink and container discrimination means for discriminating a kind of the ink container mounted to the apparatus, wherein said ~~control means~~ controller determines a kind of said printing apparatus in accordance with a kind of the ink container mounted thereto.

10. (Currently Amended) An apparatus according to Claim 1, ~~further comprising~~
~~wherein said storing means for storing~~ portion stores setting information corresponding to kinds
of devices with which said printing apparatus is compatible, wherein said ~~control means~~
~~controller~~ reads the setting information corresponding to the determined kind of device out of
said storing means portion, and controls said printing apparatus so as to operate as the kind of
device determined in accordance with the setting information.

11. (Cancelled)

12. (Currently Amended) An apparatus according to Claim 1, wherein said ~~control~~
~~means controller~~ discriminates whether operations for setting the kind of device are in
conformity with each other or not, and determines the kind of device of said printing apparatus
when a result of discrimination is affirmative.

13. (Currently Amended) An apparatus according to Claim 1, wherein said ~~control~~
~~means controller~~ effects a starting process within a range discriminatable by said ~~discrimination~~
~~means discriminator~~ upon actuation of a main switch of said printing apparatus, and after the
discrimination of said ~~discrimination means discriminator~~, said ~~control means controller~~ controls
the apparatus so as to carry out another starting process.

14. (Currently Amended) An apparatus according to Claim 13, wherein said ~~control~~

means controller does not effect a starting process for the communicating means upon actuation of the main switch of said printing apparatus, and after a discriminating operation of said discrimination means discriminator as to whether the kind of device of said printing apparatus is determined or not, said ~~control means~~ controller controls the apparatus so as to carry out the starting process for the communicating means.

15. (Currently Amended) A control method for a printing apparatus for effecting printing using a recording head mounted thereto, ~~said the~~ apparatus including communicating means for communication with an information processing apparatus, said method comprising:

a step of determining a kind of device among a plurality of kinds in response to a predetermined operation for setting the kind of the printing apparatus, and operable for the kind thus determined;

a step of discriminating whether the kind of device is determined or not;

a step of detecting whether or not the recording head is mounted; and

a step of controlling the apparatus in accordance with the determined kind of device, and controlling the communication of the communicating means with the information processing apparatus,

~~wherein when said discriminating step discriminates that the kind of device is not determined and said detecting step does not detect that the recording head is mounted, said controlling step prohibits the communicating means from communicating with the information processing apparatus, and when said discriminating step discriminates that the kind of device is~~

determined, said controlling step permits the communicating means to communicate with the information processing apparatus without said detecting step detecting whether the recording head is mounted in response to detection of mounting of the recording head, said controlling step causes a storing portion of the printing apparatus to store the kind of device stored in the mounted recording head, and said discriminating step discriminates that the kind of device is determined when the storing portion stores the kind of device and determines that the kind of device is not determined when the storing portion does not store the kind of device, and wherein when said discriminating step discriminates that the kind of device is not determined, said controlling step prohibits the communicating means from communicating with the information processing apparatus, and when said discriminating step discriminates that the kind of device is determined, said controlling step permits the communicating means to communicate with the information processing apparatus.

16. (Original) A method according to Claim 15, wherein said control step, when a result of the discrimination of said discrimination step is negative, controls the apparatus so as not to respond to a command inquiring information on the kind of device received from the information processing apparatus.

17. (Cancelled)

18. (Previously Presented) A method according to Claim 15, wherein said

determining step determines the kind of device of the printing apparatus on the basis of information obtained from the recording head mounted thereto.

19. (Previously Presented) A method according to Claim 15, wherein the recording head effects the recording by ejecting ink, and wherein said determining step determines, when an ink container containing the ink to be supplied to the recording head is mounted, the kind of device of the printing apparatus on the basis of information obtained from the ink container mounted thereto.

20. (Previously Presented) A method according to Claim 15, wherein the recording head effects recording by ejecting ink, and an ink container containing the ink to be supplied to the recording head is mountable to the printing apparatus, wherein said determining step determines the kind of the printing apparatus when information obtained from the recording head mounted thereto and information obtained from the ink container mounted thereto correspond to each other.

21. (Currently Amended) An apparatus according to Claim 1, wherein when said ~~discrimination means~~ discriminator discriminates that the kind of device is not determined and said ~~detecting means~~ detector detects that the recording head is mounted, said communication ~~control means~~ controller does not prohibit the communicating means from communicating with the information processing apparatus.

22. (Previously Presented) A method according to Claim 15, wherein when said discriminating step discriminates that the kind of device is not determined, and said detecting step detects that the recording head is mounted, said control step does not prohibit the communicating means from communicating with the information processing apparatus.